

## ABSTRACT

In one embodiment, when a problem with a consumer electronic device owned by a user is identified, a diagnostic procedure is provided to control the diagnosis of the potentially faulty consumer electronic device by a testing consumer electronic device. The testing consumer electronic device is a local device owned by the user that is capable of diagnosing problems associated with the potentially faulty consumer electronic device. In one embodiment, the testing consumer electronic device and the potentially faulty consumer electronic device are part of a home network. The home network enables communication of the testing consumer electronic device and the potentially faulty consumer electronic device during the diagnosis. In another embodiment, the testing consumer electronic device and the potentially faulty consumer electronic device can communicate only during the diagnosis using a special purpose connectivity means. In yet another embodiment, the testing consumer device and the potentially faulty consumer electronic device can communicate using their user interfaces.